



- a. ☒ A list of materials for consideration per Rule 98(a)(1): 1 page(s)
- b. ☒ A legible copy of each patent, publication, or other item listed per Rule 98(1)(2), Rule 98(c) and/or (d) and as indicated on the attached list(s):
15 item(s)

c. ☐ For each non-English language item listed, pursuant to Rule 98(a)(3), a concise explanation of the relevance thereof as it is presently understood by the individual designated in Rule 56(c) most knowledgeable about the content of such items: _____

☐ Such explanation is provided in the Search Report from a corresponding application enclosed herewith along with any enclosed translation into English.

2. ☒ This Information Disclosure Statement is being filed [CHECK ONE]:

- a. ☐ WITHIN THREE MONTHS of the application filing date or national stage date of entry OR BEFORE the mailing date of a first Office Action on the merits, whichever event occurs last, WHEREFORE per Rule 97(b) NO filing fee or Rule 97(e) certificate is required.
- b. ☒ AFTER the time periods of section 2.a above, but BEFORE a Final Action, Notice of Allowance OR an action that otherwise closes prosecution, WHEREFORE PER Rule 97(c) submitted herewith is [CHECK ONE]:

i. ☐ Certification per Rule 97(e); OR

ii. ☒ Filing Fee per Rule 17(p)\$180.00

c. ☐ AFTER a Final Action OR Notice of Allowance, but BEFORE payment of the issue fee, WHEREFORE per Rule 97(d) submitted herewith is:

i. Certification per Rule 97(e); AND

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3. ☐ Rule 97(e) Certification; per Rule 97(e), the undersigned certifying party make the following certification statement [CHECK ONE]:

- a. ☐ That each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; OR
- b. ☐ That no item of information contained in this Information Disclosure Statement was first cited in a foreign patent office in a counterpart foreign application and to the knowledge of the undersigned after making a reasonable inquiry, was known to any individual designated in Rule 56(c) more than three months prior to the filing of this statement.

CERTIFYING PARTY (if different from bottom signature; omission here indicates that certification is being made by signer per signature below).

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conditions are alarmed to alert the operator to take corrective action. Under normal conditions, the microprocessor makes the appropriate correction to keep the system running on set points.

Several sequencing programs are now available to automatically set up valves and sub-systems to:

1. Start up components in proper sequence based on programmed code.
2. Indicate "ready" after programmed conditions are obtained.
3. Position valves during short time standby.
4. Reposition valves after X minutes in standby to provide flushing of applicator heads.
5. Secure system at end of a run or at operator's command by sequencing through a clean up cycle, drain, and shutdown; all field programmable to meet customer's requirements.

In addition, the microprocessor contains the necessary software and hardware to track range speed. As a line goes through start, accelerating to processing speeds, deceleration for splices, and reacceleration, the desired add-on rate is maintained. Since there is a delay between liquid delivery and application that is unacceptable, the pressure at the applicator is programmed to assure the proper levels of add-ons and product penetration. Control feedback plus use of a bypass loop assures that the correct add-on is maintained as the range accelerates or decelerates.

Summary

The technology of foam application to moving substrates is well established with more than 90 systems installed on a variety of products.

Government demands for reduced chemical waste discharge and the need to reduce consumption of expensive chemical applicants are just two reasons for using chemical foam systems.

Continued interest in foam technology from customers throughout the world has confirmed that chemical foam systems must still be considered as an important finishing and coating technique.

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